Course: Architecture and Programming Principles Instructor: Professor Shaikh

**Student Name:** Yaoting Jiang **Date:** Dec 1st, 2021

#### **PAYMENT METHOD RESOURCES**

**Use Case**: Get payment method

Resource(s): payment method

• Request URL: http://localhost:5000/payment\_method

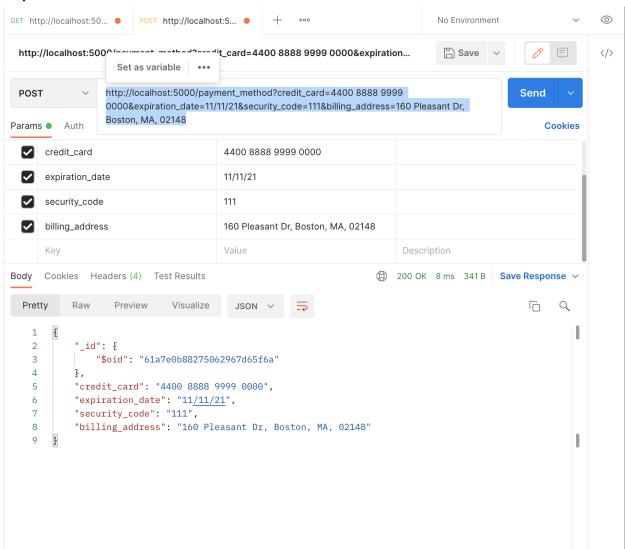
Request body: N/A

• Response:

```
0
GET http://localhost:50... • GET http://localhost:50... •
                                                                                  No Environment
 http://localhost:5000/payment_method
                                                                                   Save
                                                                                                                  </>
                  http://localhost:5000/payment_method
 GET
                                                                                                  Send
Params Auth Headers (8) Body • Pre-req. Tests Settings
                                                                                                       Cookies
Body Cookies Headers (4) Test Results
                                                                     ② 200 OK 27 ms 344 B Save Response ∨
  Pretty
           Raw
                    Preview
                               Visualize
                                                                                                    Q
   1
   2
   3
                "_id": {
                    "$oid": "61a7df80b3d272ee25081797"
   4
   5
    6
                "credit_card": "2000 0000 0000 0000",
                "expiration_date": "11/11/21",
   7
                "security_code": "000",
   8
                "billing_address": "111 toyama dr, Sunnyvale, CA, 94089"
   9
   10
       ]
  11
```

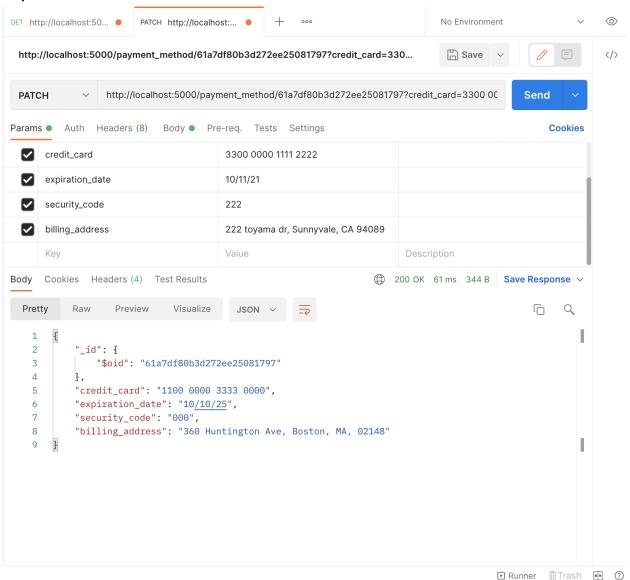
### Use Case: Create a payment method

- Resource(s): payment method
- Request URL: http://localhost:5000/payment\_method?credit\_card=4400 8888 9999 0000&expiration\_date=11/11/21&security\_code=111&billing\_address=160 Pleasant Dr, Boston, MA, 02148
- Request body: N/A
- Response:



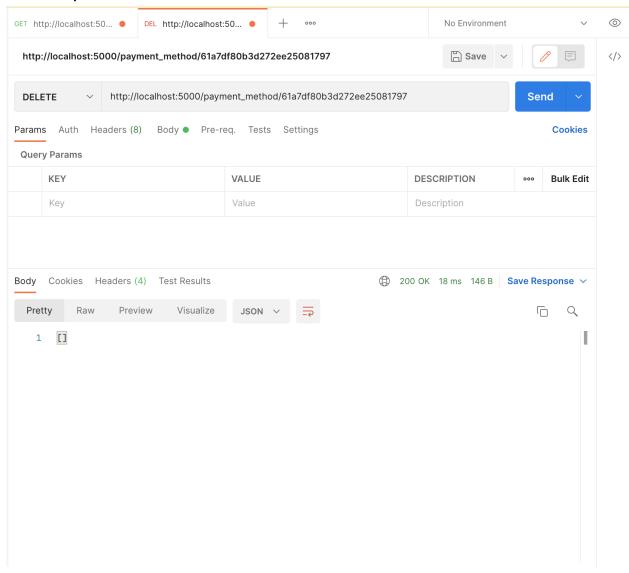
### Use Case: Update a payment method

- Resource(s): payment method
- Request URL: http://localhost:5000/payment\_method/61a7df80b3d272ee25081797?credit\_card=3300 0000 1111 2222&expiration\_date=10/11/21&security\_code=222&billing\_address=222 toyama dr, Sunnyvale, CA 94089
- Request body: shown in the screenshot below
- Response:



# Use Case: Delete a payment method

- Resource(s): payment method
- Request URL: <a href="http://localhost:5000/payment\_method/61a7df80b3d272ee25081797">http://localhost:5000/payment\_method/61a7df80b3d272ee25081797</a>
- Request body: N/A
- Response:



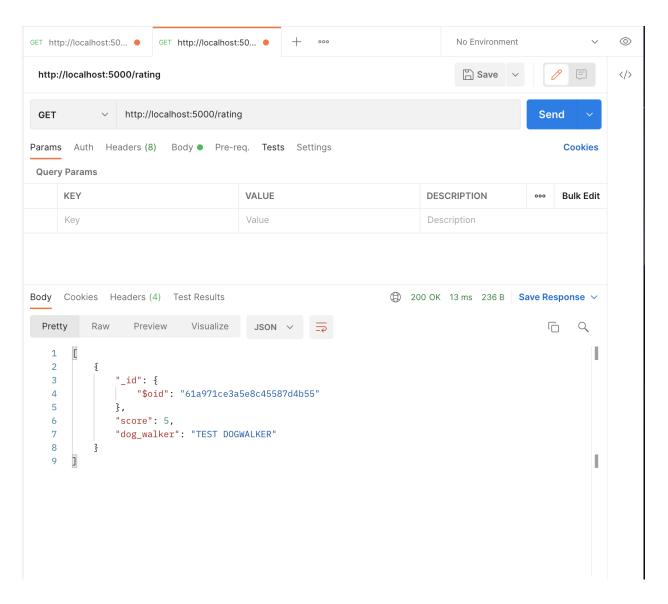
### **RATING RESOURCES**

Use Case: Get rating

• Resource(s): rating

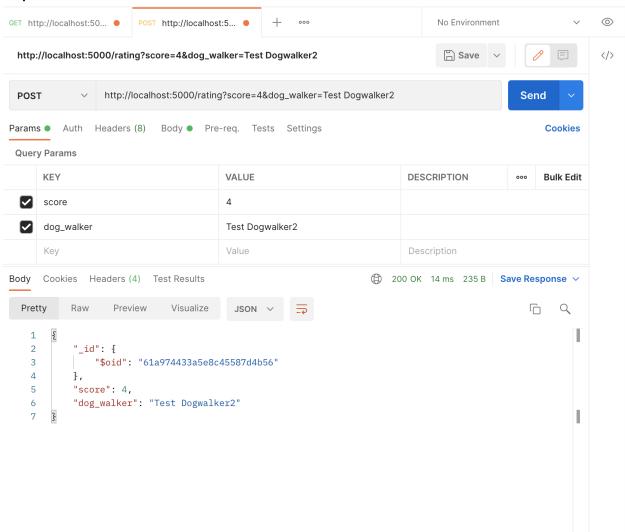
• Request URL: http://localhost:5000/rating

• Request body: N/A



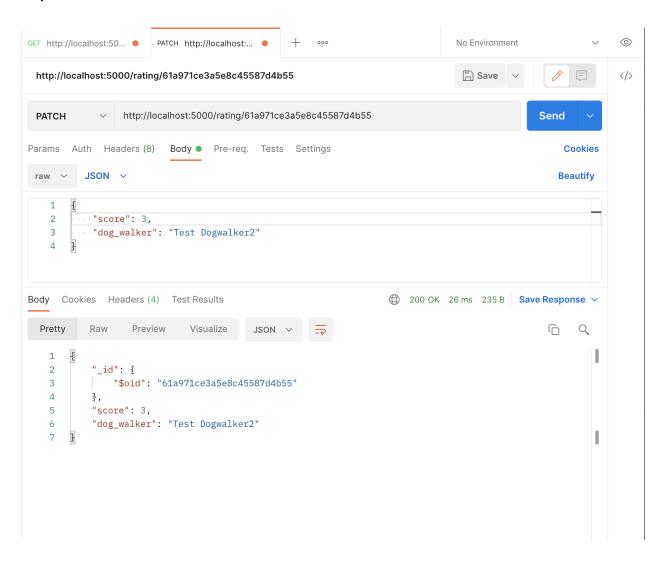
### Use Case: create a rating

- Resource(s): rating
- Request URL: http://localhost:5000/rating?score=4&dog\_walker=Test Dogwalker2
- Request body: N/A
- Response:



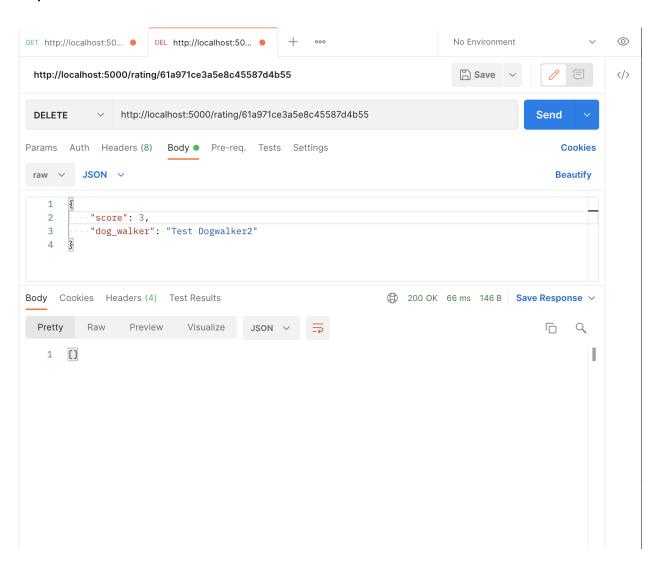
# Use Case: update a rating

- **Resource(s)**: rating
- Request URL: http://localhost:5000/rating/61a971ce3a5e8c45587d4b55
- Request body: as shown in the screenshot below



# Use Case: delete a rating

- Resource(s): rating
- Request URL: http://localhost:5000/61a971ce3a5e8c45587d4b55
- Request body: as shown in the screenshot below



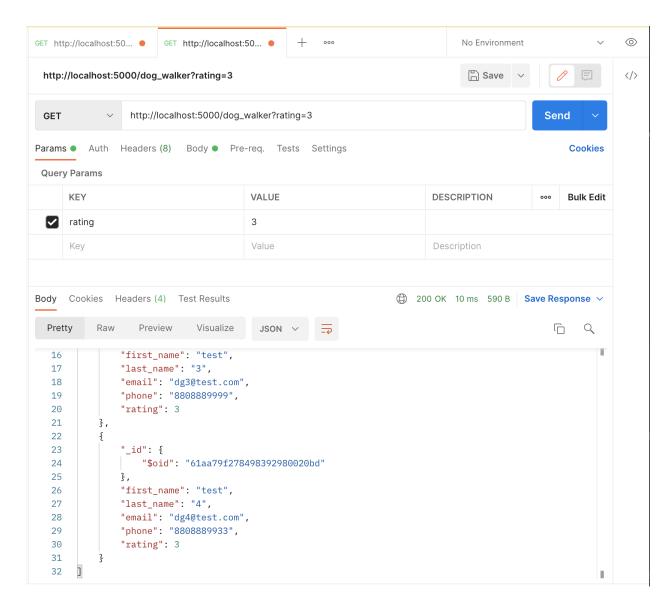
#### **UPDATE DOG WALKER RESOURCES - ADDED PAGINATION AND FILTERING**

**Use Case**: filter out dog walkers whose rating is 3

• Resource(s): dog walkers

• Request URL: http://localhost:5000/dog\_walker?rating=3

• Request body: N/A

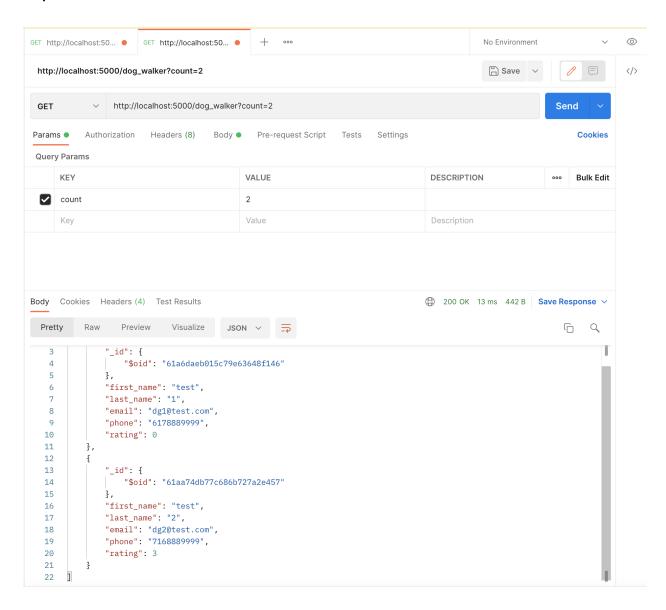


Use Case: Get the first two dog walkers

• Resource(s): dog walkers

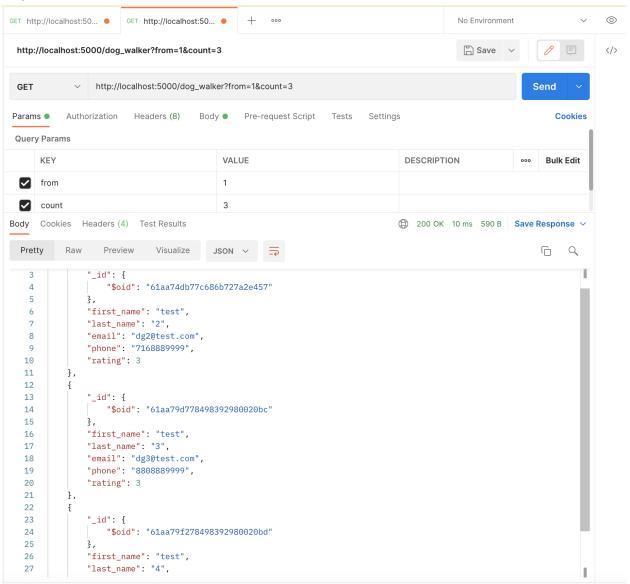
• Request URL: http://localhost:5000/dog\_walker?count=2

• Request body: N/A



# Use Case: Get three dog walkers starting from 1

- Resource(s): dog walkers
- Request URL: http://localhost:5000/dog\_walker?from=1&count=3
- Request body: N/A



#### **UPDATE DOG OWNER RESOURCES - ADDED PAGINATION AND SORTING**

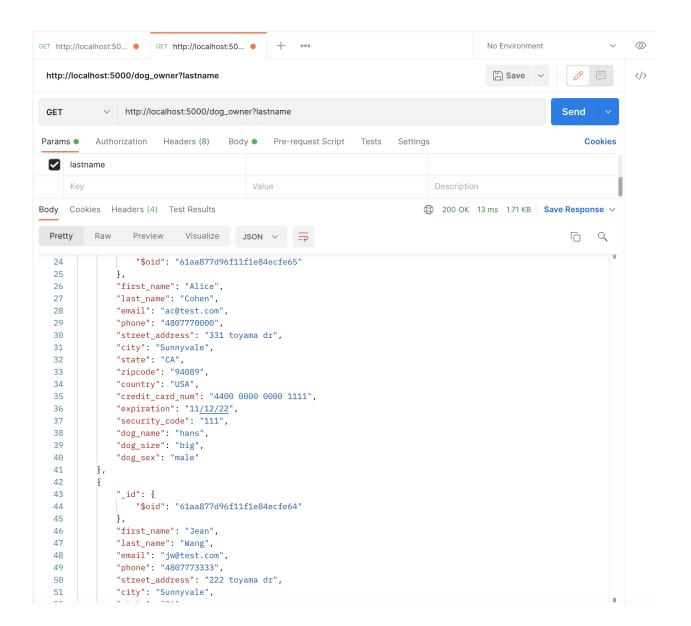
Use Case: Sort the dog owners by their last name

• Resource(s): dog owner

• Request URL: http://localhost:5000/dog\_owner?lastname

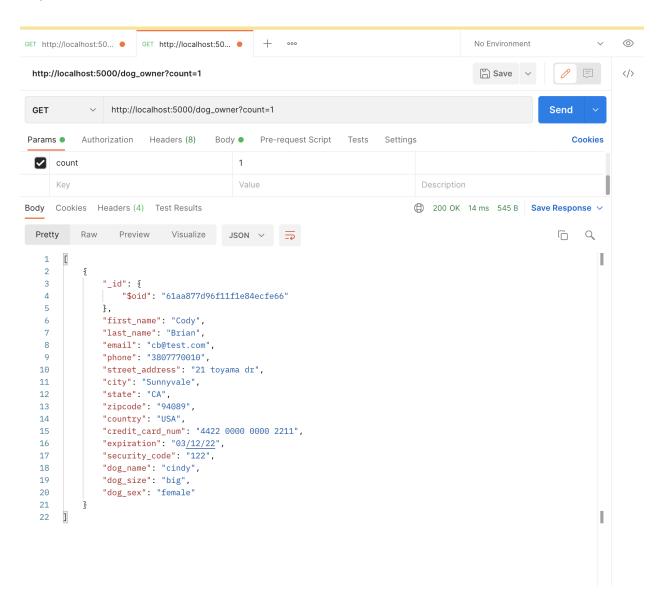
Request body: N/A

```
0
GET http://localhost:50...
                       GET http://localhost:50...
                                                                                              No Environment
                                                                                                                             </>
 http://localhost:5000/dog_owner?lastname
                                                                                               🖺 Save
 GET
             http://localhost:5000/dog_owner?lastname
Params •
                                                                           Settings
           Authorization Headers (8) Body • Pre-request Script
                                                                                                                   Cookies
                                                                  Tests
 lastname
      Key
                                             Value
                                                                                   Description
                                                                                 200 OK 13 ms 1.71 KB Save Response V
Body Cookies Headers (4) Test Results
  Pretty
           Raw
                   Preview
                              Visualize
                                           JSON V
                                                                                                                    Q
                                                                                                                1
    2
    3
                "_id": {
                   "$oid": "61aa877d96f11f1e84ecfe66"
    4
    5
                "first_name": "Cody",
    6
    7
                "last_name": "Brian",
                "email": "cb@test.com",
    8
    9
                "phone": "3807770010",
   10
                "street_address": "21 toyama dr",
   11
                "city": "Sunnyvale",
                "state": "CA",
  12
  13
                "zipcode": "94089",
                "country": "USA",
  14
                "credit_card_num": "4422 0000 0000 2211",
  15
                "expiration": "03/12/22",
  16
  17
                "security_code": "122",
                "dog_name": "cindy",
  18
                "dog_size": "big",
  19
                "dog_sex": "female"
  20
  21
            3,
  22
                "_id": {
  23
                    "$oid": "61aa877d96f11f1e84ecfe65"
  24
  25
                "first_name": "Alice",
  26
  27
                "last_name": "Cohen",
  28
                "email": "ac@test.com",
```



# Use Case: Get the first dog owners

- Resource(s): dog owner
- Request URL: http://localhost:5000/dog\_owner?count=1
- Request body: N/A



# I'm taking a grace period for this assignment

